1/5

T-Ascorbic acid

Figure 1

D -Mannose 1 GTP PP; 2Pi 2Pi D -Mannose-1-P GDP-D D Pi NAD NADH ²→L -Galactose-1-P GMP GDP-L-Galactose Glucose-6-P

Figure 2

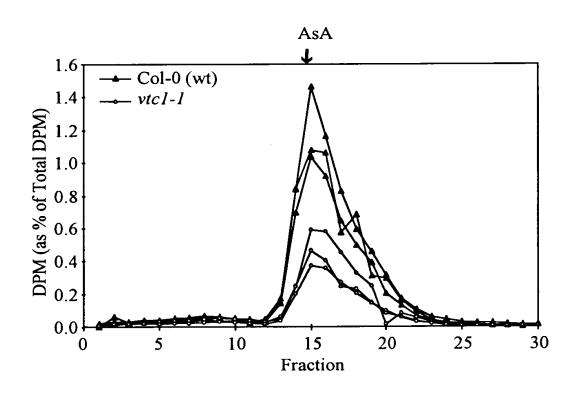




Figure 3

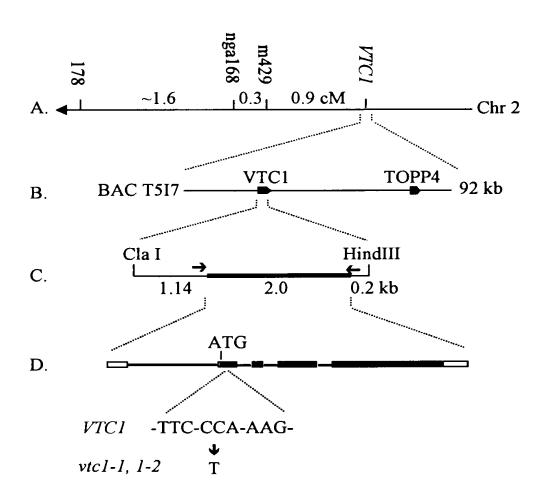
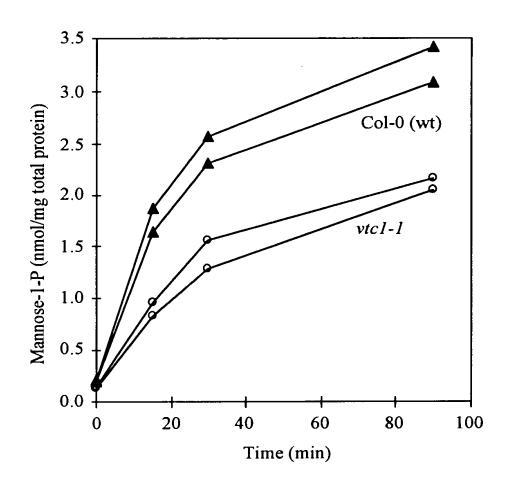
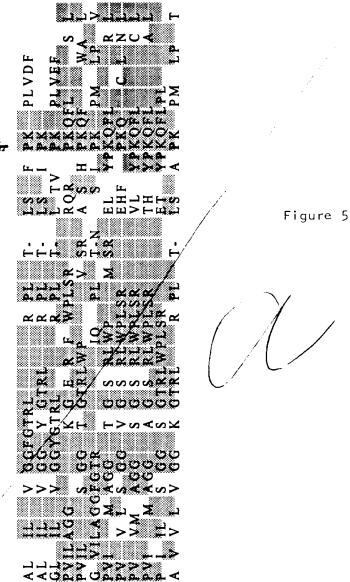




Figure 4





Arabidopsis +3

Porcine
S. cerevisiae
Synochocystis
Acetobacter
Aquifex
E. coli
Vibrio
Salmonella
Yersinia
Xanthomonas
Mycobacterium

pot: